

Converting Colors

Hex(B0005D)

Have a look what the booklet for
Hex(B0005D) contains.

Hex(B0005D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0005D)

Conversions

Conversions Part 1

Format	Color
Hex	B0005D
RGB	176, 0, 93
RGB Percent	69%, 0%, 36%
CMY	0.3098, 1.0000, 0.6353
CMYK	0.00, 1.00, 0.47, 0.31
HSL	328°, 100%, 35%
HSV	328°, 100%, 69%
XYZ	19.8803, 10.0204, 11.2423
YIQ	63.2260, 75.0430, 66.2350

Conversions

Conversions Part 2

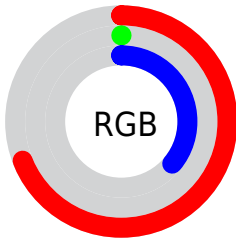
Format	Color
RYB	176, 0, 93
Decimal	11534429
CIELab	37.88, 64.56, -0.93
CIELCh	38, 64.570, 359.173
Yxy	10.0204, 0.4832, 0.2436
Android (android.graphics.Color)	4289724509 (0xFFB0005D)
YUV	63.2260, 14.6786, 98.9028
Hunter-Lab	31.6550, 56.7068, 1.1018

Details

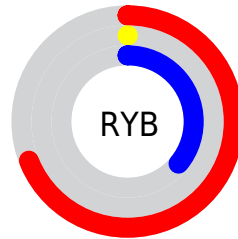
The Hex color **B0005D** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00B053**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **ED518F**, and **75002F** is the 20% darker color. If you saturate the color by 10%, you get **B0005D**, and if you desaturate by 10%, it is **B01265**.

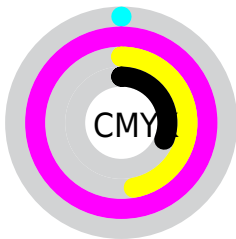
Distribution



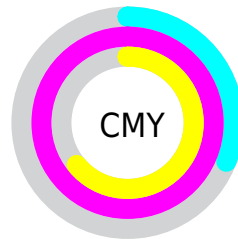
- Red (69%)
- Green (0%)
- Blue (36%)



- Red (69%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0005D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B0005D by changing the saturation by 10% instead.

 B0005D

 B0005D

FFFFFF

 920046

 ED518F

 75002F

 FF6EA9

 58001B

 FF8BC5

 3E0003

 FFA8E1

 190001

 FFC5FD

 000000

 FFE2FF

 B0005D

 B01265

 B0236E

 B03576

 B0467E

 B05887

 B06A8F

 B07B97

 B08D9F

 B09EA8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



942B90



B0005D



AE1D2A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B0005D



3A6400



006BB3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B0005D



00B053

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006F8B



B0005D



006B1E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B0005D



6F5700



006F56



0061C3

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0005D



A03502



006F56



006DA8

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B0005D



E6A1C5



5200B0



73495F



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0005D



E60079



B00006



595055



990051



1A000D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B0005D



E60079



00B0AA



595055



990051



1A000D

Previews

White Background



This preview shows how the Hex color B0005D looks on a white background.

Color Contrast Check

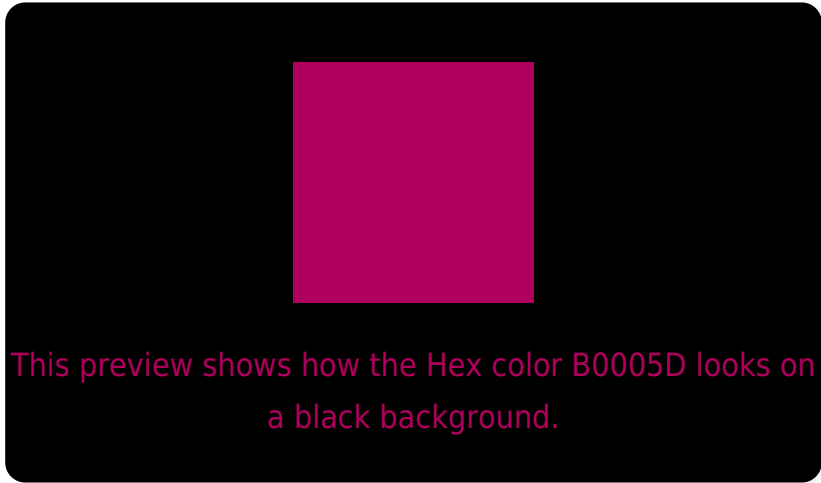
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B0005D Background



This preview shows how black text looks on a background with the Hex color B0005D.



This preview shows how white text looks on a background with the Hex color B0005D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
B0005D



Protanomaly
723A77



Deuteranomaly
823959



Tritanomaly
AE1839

Monochromacy



Original Color
B0005D



Achromatopsia
3F3F3F



Achromatomaly
68284A

CSS Examples

Text

The CSS property to change the color of the text to Hex B0005D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B0005D looks like.

```
.text, #text, p{  
    color:#B0005D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B0005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0005D
}
```

Border

The CSS property to change the border of an element to Hex B0005D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

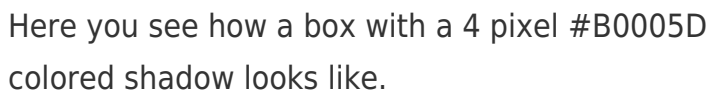
```
.border, #border, table{ border:4px solid
#B0005D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B0005D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B0005D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0005D; -webkit-box-shadow:4px 4px  
4px 4px #B0005D; box-shadow:4px 4px 4px  
4px #B0005D }
```

Background

The CSS property to change the background color of an element to Hex B0005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0005D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B0005D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor